

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION**

STATEMENT OF BASIS

APPLICATION FOR  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT  
AND  
WASTE DISCHARGE REQUIREMENTS  
TO  
DISCHARGE TO STATE WATERS

Public Notice No. 7-99-27  
Application NPDES No. CA7000004  
Board Order No. 00-003

Imperial Irrigation District  
Grass Carp Hatchery  
P. O. Box 937  
Imperial, CA 92251

On the basis of preliminary staff review and application of lawful standards and regulations, the Regional Board proposes to adopt waste discharge requirements for the discharge. The tentative proposed determinations are described below.

I. Description of Proposed Discharge

Imperial Irrigation District submitted an application to renew a NPDES Permit for their Grass Carp Hatchery at El Centro. The facility receives process water from the Imperial Irrigation District's Dogwood Canal. Water flows through ponds and hatcheries and is released into the Central Drain. Only Grass Carp are raised here. The facility operates throughout the year.

II. Basis for Discharge Specifications

Effluent discharged from this facility could contain pollutants in sufficient quantities to affect receiving water quality. Pursuant to Section 13263, Article 4, Chapter 4 of the Porter-Cologne Water Quality Act, the Regional Boards are required to issue waste discharge requirements for discharges that could affect the quality of the State's waters. Furthermore, Federal Regulations 40 CFR 122.1 requires the issuance of NPDES Permits, for pollutants discharged from a point source to the waters of the United States. The draft discharge requirements contain specific discharge limitations for selected pollutants. The rationales for each of the limitation is as follows:

Constituents

Basis for Limitations

Unionized Ammonia

High level of ammonia can be toxic to the aquatic life. The limitations have been adopted from objectives of Water Quality Goals.

pH

pH is a measure of Hydrogen Ion concentration in the water. A range specified between 6 to 9 ensures suitability of the biological life. This limitation has been adopted in the Basin Plan of the Region.

Dissolved Oxygen (DO)

The amount of molecular oxygen dissolved in water can be depressed due to the presence of micro-organisms consuming oxygen in the process of breaking down. The limit 5.0 mg/L has been adopted from the water quality objectives of the Basin Plan of the Region.

BOD

These concentration limitations are based on the implementation plan of the Basin Plan of the Region.

Total Dissolved Solids (TDS)

High levels of TDS can adversely impact aquatic life. The TDS limit is from the Basin Plan of the Region.

III. Written Comments

Interested parties are invited to submit written comments on these draft waste discharge requirements. Comments should be submitted in writing by January 6, 2000 to:

Executive Officer  
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-720 Fred Waring Drive, Suite 100  
Palm Desert, CA 92250

The application number should appear on the first page of any submitted comments. All comments received by the above date will be considered in the formulation of the final determinations.

Public Hearing

The waste discharge requirements will be considered by the Regional Board at a public hearing to be held at the City Council Chambers, City of La Quinta, 78-495 Calle Tampico, La Quinta on April 12, 2000.

### Register of Interested Persons

Any person interested in a particular application or group of applications may leave his/her name, address and phone number as part of the file for the application. This list of names will be maintained as a means for persons with an interest in an application to contact others with similar interests.

### Waste Discharge Requirements Appeal

Any person may petition the State Board to review the decision of the Regional Board regarding waste discharge requirements. A petition must be made within 30 days of the Regional Board's public hearing.

### Additional Information

For additional information, interested persons may write to the above address, or call Suhas K. Chakraborty of the Regional Board staff at (760) 776-8971.